

Organic Insectofungicides. XII. ~~Syn~~ Synthesis
of Mixed Esters of Phosphoric and Thio-
phosphoric Acids, by Ya. A. Mandelbaum,
I. L. Vladimirova, N. N. Melnikov, 4 pp.
UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII,
No 3, Mar 1953, pp 429-432.

Consultants Bureau

Scientific - Chemistry

13,229

Organic Insectofungicides. XIII. ~~On~~ Synthesis
of Mixed Esters of Phosphoric and Thiophosphoric
Acids Containing the Simplest Substituents in the
Aliphatic Radical, by M. L. Galashina, I. L.
Vladimirova, Ya. A. Mandelbaum, N. N. Melnikov,
4 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 3,
Mar 1953, pp 433-434.

Consultants Bureau

Scientific - Chemistry

13,230

The Field of Organic Insectofungicides. XLV.
Synthesis of Alkyl Aryl Chlorothiophosphates
and Alkyl Aryl Thiophosphamides, by N. N.
Mel'nikov, Ya. A. Mandel'baum, Z. M. Bakanova,
P. G. Zaks, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3286-3288.

CB

Sci

Oct 60

1301405

The Field of Organic Insectofungicides. XLVI.
Synthesis of Some Phosphomacetic Acid
Derivatives, by N. N. Mel'nikov, Ya. A.
Mandel'baum, V. I. Lomakina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3289, 3290.

CB

Sci

Oct 60

130,606

Organic Insectofungicides. LXII. Synthesis of Some
Phosphinic Acid Derivatives, by N.N. Mel'nikov,
Ya. A. Mandel'sbaum, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,
1961, pp 3953-3954.

CB

Sci

Oct 62

4
217,8160

R-4104-D

Amides of Acids as Repellent, by Ya. A. Mandel'-
baum, et al.

RUSSIAN, UNKNOWN, pp 151-158.

*JPRS/USDA

Sci-Chem

May 64

Organic Insectofungicides. LXII. Synthesis of Some
New Derivatives of Phosphonoacetic Acid, by
N.N. Mel'nikov, Ya. A. Mandel'dbaum, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,
1961, pp 3949-3952.

CB

Sci

214,859

Oct 62

(FDD 28585)

From the Field of Organic Insectofungicides,
XVIII, New Method for the Preparation of the
Esters of Chloro- and Dichloro-Thiophosphoric
Acids, by Z. M. Bakanova, Ya. A. Mandel'baum,
N. N. Mel'nikov, Ye. I. Sventsitskiy, 5 pp.

RUSSIAN, no per, Zhur Obshch Khimi, Vol XXVI,
No 2, Moscow/Leningrad, Feb 1956, pp 494,495.

CIA/FDD U-8893

39,639

USSR

Sci - Chemistry

Oct 56

From the Field of Organic Insectofungicides.
~~XXII~~ XXII. The Reaction of Dialkyl Chlorothio-
phosphates With p-Nitrophenol in the Presence
of Pyridine Hydrochloride, by A. M. Bakanova,
Ya. V. Mandel'baum, N. N. Mel'nikov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 9,
1956, pp 2575-2577.

Assoc Tech Sv

54,681

Sci - Chemistry

Organic Insectofungicides. XXIII. Preparation of
Dialkyl Chlorothiophosphates, by M. N. Melnikov, Ya.
A. Mandelbaum, V. I. Lomakina, Z. M. Bakanova, 4 pp.

RUSSIAN, no per, Zhur Obsheh Khim, Vol XXVI, No 9,
Sep 1956, pp ~~2577~~ 2577, 2578.

Consultants Bureau

Sci - Chemistry
Feb 58

58,960

From the Field of Organic Insecticides
and Fungicides. XXVII. A New Method for
the Preparation of Esters of Chlorothio-
phosphoric Acid, by N. N. Mel'nikov, Y. A.
Mandel'baum, E. I. Svetsitskiy and Z. M.
Bakanova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 7, 1957, pp 1908-1910.

Assoc Tech Serv

62J18R

72,435

Sci - Aug 58

Purification of Waste Liquors in the Production of Thiophos, by N. N. Mel'nikov, Ya. A. Mandel'baum, 4 pp.

RUSSIAN, monograph, Organicheskiye Insektofungitsidy i Gerbitside, 1958, pp 60-65.

ATS-29M42R

Sci
Vol IV, No 7
Apr 62

192, 651

4

Studies on Organic Insectofungicides. XXVII.
New Method of Obtaining Chlorothiophosphoric Acid
Esters, by N. N. Melnikov, Ya. A. Mandelbaum,
E. Sventsitskiy, ~~A.~~ M. Bakanova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957, pp 1908, 1909.

Consultants Bureau

Sci - Chem
Oct 58

74, 27

On Luminescent Decorative Painting, by A. M. Mandel'berg, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI, No 5, 1957, pp 774-778.

Columbia Tech

Sci - Phys

Aug 58

71, 816

High-Frequency Circuit for Studies in Physical
Chemistry and Its Application, by V. A. Zarinskiy,
I. R. Mandel'berg, 10 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 2, 1958,
pp 148-153.

CIA/FDD XX-663

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics, Chemistry
Sep 59

98,057

USIB INTERNAL USE ONLY

Copies from LC on SLA 59-15030

High-Frequency Telemetry, by V. A. Zarinskiy and I.
R. Mandelberg, 16 pp.

RUSSIAN, per, Zavod Lab, Vol XXII, No 3, 1956,
pp 262-270.

SLA R-2081

Sci

Aug 56

71, 144

~~Spiral~~ Spiral Welds made from both Sides in the Production of 529-630 mm dia. Gas and Oil Piping, by S.L. Mandel'berg, V.E. Lopata, et al, 6 pp.

RUSSIAN, per, Avtomat Svarka, No 10, Oct, 1963, pp 63-70.

British Welding Res. Assoc.

Sci

May 64

.359,315

Effects of welding circuit magnetic fields on the
shape of welds deposited within tubes, by
S. L. Mandel'berg and V. E. Lopata, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1962, pp 1-6.

BWRA

Sci

Feb 63

234,031

Weldability of 30KhSNVFA Hardening Sheet
Steel in Double and Single-Sided, Double-
pass Argon-Shielded Arc Welding, by
S. L. Mandel'berg, V. G. Gordonmyy, 7 pp.

RUSSIAN, per, Avtomaticheskaya Svarka,
No 5, 1962, p. 9682738

FTD-TT-62-1247

Sci-Engr
May 63

229,525

Alloy Steel Sheet Welded in Two Runs From One
Side by Argon Tunsten-Arc Process, by S. L.
Mandel'berg, V. G. Gordonnyy, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 9, 1961,
pp 68-73.

BWRA

Sci
STp 62

210,608

Magnetic control of the arc in submerged arc welding
of steel.

By S. L. Mandel'berg pp. 8

RUSSIAN, per, Avtomat Svarka, No 9, 1962, pp 3 - 12

BWRA

Sci

340,531

Aug 63

Formation of Hot Cracks in Butt Welds With
Extension Tabs, by S. L. Mandel'berg, O.S. Zabarilo,

RUSSIAN, per, Avtomat Svarka, Vol VII, No 6, 1954,
pp 29-32.

27,850

Brutcher Tr 3550

Scientific - Min/Metals

Oct 55 CTS

Used of Tagged Atom Method in Study of the Stability
of Dusts of Phosphorus-Organic Insecticides, by
K. A. Gar, N. N. Mel'nikov, Ya. A. Mandel'baum, V. L.
Chernetsova, K. D. Shvetsova-Shilovskaya.

thrice-mo

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 4,
1 Feb 1954, pp 729-732. CIA 9012865

USDA

Sci - Biol

53,798

Oct 58

Choriocarcinoma f of the Uterus, by A. B.
Mandel'shten, 20 pp.

RUSSIAN, per, Sovet Med, Vol XXIII, 1959, pp 54-62.
9079289

NIH 7-1⁷₆-61

Sci - Med
Sep 61

167,975

A Method For Fastening Electrical Strain
Gauge Resistance Elements To A Metal
Frame, by A. E. Mandel'shtam.
RUSSIAN, per, Patent No 169161, pp 1.
*FTD-TT-65-1942

52

Mandel'shtam

Sci-Engr
Dec 65

Autonomic Asymmetries in Disturbances of Cerebral
Circulation, by E. M. Mandel'shtam, 8 pp.

RUSSIAN, bk, Voprosy Psikhiatrii i Nevropatologii,
No 4, 1958.

OTS 60-21174
PL-480

Sci - Med

Apr 62

PST 211

The Influence of Third Elements in the Spectro-
analysis of Steel, by N. M. Gegechkori, T. E.
Yedneral and I Mandelstam, 19 pp.

RUSSIAN, per, Zavod Lab, Vol XII, No 6, 1946,
pp 559-568. (Loan Copy Only).

SLA R-2064

Sci

Aug 58

71,136

(FDD 19262)

A Method for Measuring the Velocity of Propagation of
Electro Magnetic Waves, by L. I. Mandelshtam,
N. D. Papalekhi, 37 pp.

RUSSIAN, no per, Zhur Tekh Fiz. Vol VII, No 6, Moscow/
Leningrad, Jun 1937, pp 559-578.

CIA/FDD/U-5853

RT 1357

USSR

Scientific - Electronics

16,079

English Title Unknown, by L. Mandelstam.
RUSSIAN, per, Technical Physics of the USSR,
Vol 2, 1935, pp 81-134.
*NASA TT F-12,678

L Mandelstam

Oct 69

L. I. Mandel'shtam, 3 pp. (AF 650040)

RUSSIAN, no per; Radio, No 12, 1954, p 18.

ATIC F-TS-8471/V

Sci - Electronics
Feb 1957 CTS/dex

44,375

MANDELSTAM, L. I.
LEONTOVICH, M. A.

A Theory of Sound Absorption in Liquids.

RUSSIAN, Zhur Eksper i Teoret Fiz, Vol VII, 1937
pp 438.

Brown Univ Tr

Ltr From Beyer, Brown Univ, to Dr. Brewer, Navy
31 July 1951

A-6899

Mandel'shtam, M. I.
OSTRACODA FROM THE MIDDLE JURASSIC DE-
POSITS OF THE MANGYSHLAK PENINSULA. [1961]
31p. (2 tables omitted) 10 refs.
Order from OTS or SLA \$3.60

61-23964

Partial trans. of mono. Microfauna of the Oil Fields of
the Caucasus, Emba and Central Asia,
Leningrad/Moscow, 1947.

DESCRIPTORS: *Crustacea, Deposits Geology, USSR.

Descriptions of ostracods of the new genera Palaeo-
cytheridea, Archeocuneocythere and of the genus
Aequacytheridea from the marine Middle Jurassic of
Mangyshlak, are presented. Furthermore, ostracods
of the new genus Timiriasevia found in association with
different species of the genera Prothocythere and
Darwinula in the carboniferous suite of the Middle
Jurassic, are described. (Author)

61-23964

- I. Title: Ostracoda
- I. Mandel'shtam, M. I.
- II. Geological Survey of Canada

197251

(Earth Sciences--Geology,
TT, v. 7, no. 7)
Office of Technical Services

Mandelshtam, M. I.
OSTRACODA FROM THE MIDDLE JURASSIC DE-
POSITS OF THE MANGYSHLAK PENINSULA. [1961]
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61-23964

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- II. Geological Survey of Canada

(Earth Sciences--Geology,
TT, v. 7, no. 7)

Office of Technical Services

Propagation of a UHF Discharge Along the Axis of a
Coaxial Line With a Gas-Discharge Inner Conductor,
by M. Ya. Mandel'shtam, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 1,
1962, pp 48-56.

AIP
Sov Phys - Tech Phys
Vol VII, No 1

Sci
Aug 62

206,8234

Reverse Current in a Spherical Condenser Type
Apparatus, by M. Ia. Mandel'shtam, 8 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10,
Oct 1956, pp 2234-2242.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Electronics
Nov 57

54, 748

Methods of Simulating Increased Power in Testing
Radar Transmit-Receive Tubes, by V. E. Golant,
M. Ya. Mandel'shtam, 20 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 4,
1959, pp 660-673.

PP

Sci

Sep 60

127,592

Scientific Results of Cosmic Flights. Investigation of
X-Rays of the Sun Using Satellites and Rockets, by
S. Mandel'shtam, 7 pp.

RUSSIAN, np, Pravda, No 102(15958), 12 Apr 1962.

CIA/FDD XX-1138
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

195,958

May 62

USIB INTERNAL USE ONLY

Broadening and Shift of Spectral Lines in Gas
Discharge Plasma, by S. I. Mandel'shtam, M. A.
Mazing, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 8, 1959, pp 1017-1020.

Columbia Tech

Sci

Oct 60

130, 301

Work on Study of Short-Wave Solar Ultraviolet
Radiation, by S. L. Mandelshtam, 55 pp.
RUSSIAN, per, Uspekhi Fiz. Nauk, Vol 46, No 2,
1952, pp 145-178.
ARH/RSIC/Tr-886-68

S. L. Mandelshtam

Sci/Phy
Feb 69

374,155

The Broadening and Displacement of Spectral
Lines in a Gas-Discharge Plasma,
by S. A. Mezina, S. L. Mandel'shtam,
RUSSIAN, Ussledovaniya po Eksperimental'
noi Teoreticheskoi Fiziki, Moscow, 1939,
pp 119-133.

Dept of Navy 4531/APL/JMM 7-1687

Mandel'shtam, S. L.

Sci - Phys

44 66

236

257,736

The Factors Influencing the Intensity of Spectral Lines
in Flames During Spectral Analysis, by V. G.
Aloksyeva, S. L. Mandel'shtam, 28 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVII, No 7, 1947,
pp 765. 9216104

AEC-Tr-6071

Sci - Phys
Jan 64

246,310

Mandelstam, S. L.
THE INTENSITY OF SPECTRAL LINES IN AN ARC
BETWEEN CARBON ELECTRODES, tr. by Heinrich
Beckert. 6 Mar 63 [12p. 13 refs. RSIC-6
Order from OTS or SLA \$1.60 63-19560

Trans. of Akademiya Nauk SSSR. [Comptes Rendus
(Doklady) de l'Academie des Sciences de l'U. R. S. S.]
1938, v. 18, p. 559-563.

DESCRIPTORS: *Electric arcs, *Line spectrum,
Intensity, *Electrodes, Carbon, *Gas ionization.

(Physics--Spectroscopy, TT, v. 10, no. 7)

63-19560

I. Mandelstam, S. L.
II. RSIC-6
III. Army Missile Command,
Redstone Arsenal, Ala.

A247190

Office of Technical Services

Investigation of the X-Ray Radiation From the Sun
During the Total Solar Eclipse on 15 February 1961,
by S. L. Vasilyev, S. L. Mandelshtam, Yu. K.
Voron'ko, et al, 10 pp.

rpt

RUSSIAN, uk, Spektral'naya Laboratoriya,
~~Viz~~ Fiz Inst imeni P. N. Lebedeva Ak Nauk SSSR,
Report No A-109, 1961.

Navy Tr 3187/NRL 892

Sci -- Phys

204, 658

Jul. 62

Investigations of Solar X-Ray Radiation. II.
Measurement by Means of Spaceships, by S. L.
Mandel'shtam, I. P. Tindo, 162 pp.

RUSSIAN, bk, Iskusstvennye Sputniki Zemli, No 11,
1962, pp 3-14.

CB

Sci

Nov 62

216,698

MM Investigation of Solar Roentgen Radiation,
I. Measurements Using Geophysical Rockets, by
S. L. Mandel'shtam, I. P. Tindo, 9 pp.

RUSSIAN, per, Iskusstvennye Sputniki Zemli, Vol X,
1962, pp 12-21.

CB

211, 073

Sci

Sep 62

SEVERAL PROBLEMS OF THE THEORY OF SPECTRAL ANALYSIS,
BY S. L. NUSSEL'SHTAN, 10 PP.

RUSSIAN, PER. IZ AN NAKH SUDR, SERIYA F12, VOL XXVI,
NO 7, 1962, PP 848-855.

JUNE 1962

SCI - PHYS

NOV 62

216,887

On the Temperature of Lighting and Force of Thunder,
by, Yu. A. Zhivlyuk, S. L. Mandel'shtam, pp, 3

RUSSIAN, per, Zhur EKsper i Teoret Fiz, Vol XL,
No 2, 1961, pp, 483-487

AIP
SOV Phys-JETP
VOL XIII, No 2

Sci
Aug 61

167,528

Investigation of Sun's X-Ray Radiation During
the Total Solar Eclipse of 15 February 1961,
by S. L. Mandel'shtam, Yu. K. Voron'ko,
I. P. Tindo.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIJ,
No 1, 1962, pp 77-80.

NASA TT F-8197

64-111-1, 897 (9077752)

Sci - Phys

15 Jun 62

US GOV'T USE ONLY

201,232

Investigation of the X-Ray Radiation From the Sun.
Part III. Radio Electronic Equipment, by S. L.
Mandelstam, 13 pp.

RUSSIAN, rpt, Issledovaniya Rentgenovskogo
Izlucheniya Solntsa III. Radioelektronnaya
Apparatura, Rpt No A-133. 9677751

Navy Tr 3157/NRL 891

Sci - Phys

199,418

Jun 62

A Short Outline of the Life and Work of Academician
G. S. Landsberg, by S. I. Mandel'shtam, 13 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIII, No 2, 1957,
pp 289-299.

AEC-tr-3973
PL-480

USSR

Biog

Aug 61

PST 112

162,414

Investigation of the Short Wave Ultraviolet Radiation
of the Sun, by S. L. Mandel'shtam, A. I. Yefremov,
28 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIII, No 14,
Chap X, Sep 1957, pp 163-180.

CIA/FDD X-2551

Opening Address, by S. L. Mandel'shtam, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 6, pp 647-649.

Columbia Tech

Sci - Phys

Jul 59

93, 220

On the Temperature of Electrode Vapors in a Spark
Discharge, by N. K. Sukhodrev, S. L. Mandel'shtam,
4 p.

RUSSIAN, per, Optika I Spektro, Ak Nauk SSSR,
1959, Vol VI, No 6, pp 723-728.

Opt Society of Amer

Sci
Jan 60

105,092

Shortwave Radiation from a Vacuum Spark, by
S. V. Lebedev, S. L. Mandel'shtam, G. M.
Rodin, 5 pp.

RUSSIAN, per, Eksper i Teoret Fiz, Vol XXXVII,
(10), No 2, 1960, pp 349-354.

No 2(8), 1959

Amer Inst of Phys
Sov Phys-JETP

Sci

Mar 60

110,070

Excitation Spectrum in Spark Discharges, by S. I. Mandel'shten.

RUSSIAN, Proc of Sixth Internl Conf on Spectroscopy at Amsterdam, 1957, pp 245-251.

AEC/NP Tr 203

Sci - Phys

May 59

87,966

Investigation of Shortwave Ultraviolet Solar
Radiation, by S. L. Mandelstam, A. I. Efremov,
34 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXIII, No 1b,
1957, pp 163-180

IC or SLA 59-12205

Sci - Physics
Feb 59

AEC 72 3973

PL 480

3.00 micro
6.30 photo

81,654

Stabilization of Spectrum Excitation Conditions in
the Arc Column, by I. B. Velyakov-Bodin, S. L.
Mandelshtam, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak NaukSSSR, No 2, 3,
1941, pp 229-234.

AEC Tr 2720

SLA R-1417

May 58

63,174

Possibility of Analysing Steel for ~~Key~~ Alloying
Elements in Electric Furnaces Without Taking
Samples, by V. N. Balandin, S. L. Mandel'shtam.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 5, 1957,
pp 545-548.

Henry Bratcher 4472
\$3.90

Sci - Engr

84,254

Apr 59

Spectrographic Determination of Nitrogen in Steel,
by G. L. Mandel'shtam, O. B. Pal'mova

RUSSIAN, per, Zavodskoye Laboratoriya, Vol XVI, No 4,
1950, pp 430-438

Brutcher Tr 3203

10,449

Sci - Min/Metals
CTS/DEX

Price \$8.60

On the Broadening and Shift of Spectral Lines in
a Highly Ionized Plasma, by L. A. Vainshtein, V. G.
Koloshnikov, M. A. Mazing, S. L. Mandel'shtam,
I. I. Sobel'man, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,
No 6, 1958, pp 718, 719.

ASC RP 197

Sci - Phys

Feb 59

80,017

On Photoelectric Methods in Spectrum Analysis, by
I. S. Abramson, S. L. Mandel'shtam, 9 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, No 6, 1954, pp 635-642. CI: C 40664

Columbia Tech Tr

Scientific - Physics 31,694 Feb 56 CTS/Dex

Stabilization of Excitation Conditions in the
Column of the Arc, by I. B. Belyakov-Bodin,
S. L. Mandel'shtam, 10 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol 5, No 2/3, 1941, pp 229-234.

Sci Trans Center RT-3244

Sci - Physics

32,057

Sci Phys Lit 57/2599
FEC 2720

Investigation of Shortwave Ultraviolet Solar
Radiation, by S. L. Mandelshtam, A. I. Efremov.
UNCLASSIFIED

RUSSIAN, per, ^CAcademy of Sciences, USSR, Vol
LXIII, No 1b, Sep 1957.

Navy Tr 1808/JH T 4

Sci - Physics

Aug 58

67,768

Mandel'shtam, S. I., Tindo, I. N. and others.
INVESTIGATION OF THE SUN'S X-RAY RADIATION.
I. MEASUREMENTS WITH THE HELP OF GEO-
PHYSICAL ROCKETS (Issledovaniya Rentgenovskogo
Izlucheniya Solntsa. I. Izmereniya pri Pomoshchi
Geofizicheskikh Rakety). 25 Feb 62, 16p. 20 refs.
Order from OTS or SLA \$1.60 63-10908

Trans. of Iskusstvennye Sputniki Zemli (USSR)
1961, v. 10, p. 10-21.

DESCRIPTORS: *Sun, *X-rays, *Solar radiation,
Fluxes, *Sounding rockets, *X-ray spectrum,
Bremsstrahlung, Measurement, Scientific satellites,
Solar spectrum.

(Astronomy--Astrophysics, TT, v. 10, no. 3)

63-10908

I. Mandel'shtam, S. I.
II. Tindo, I. N.
III. Title: Measurements ...

100857

Office of Technical Services

Further Results of Photoelectric Investigation of
Spark Spectra, by S. L. Mandel'shtam, I. P. Tindó,
2 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,
No 1, 1955, p 60. CIA C 42053

Columbia Tech Tr

34,663

Scientific - Physics
May 56 CTB/lex

AEC Tr 2764

On Conditions Under Which Kirchhoff's Law is
Applicable to the Radiation of the Plasma of a Gas
Discharge, by S. L. Mandel'shtam, N. K. Sukhodrev,
4 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,
No 1, 1955, pp 11-14. CIA C 42053

Columbia Tech Tr

Scientific - Physics
May 56 CTS/dex

34,634

The Evaporation Method and Its Use for the
Determination of Boron and Other Impurities
in Uranium, by S. L. Mandelstam, N. N. Semenov,
Z. M. Turovtseva, 10 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol XI, No 1,
Jan/Feb 1956, pp 9-20. CIA 542769 C, reel 4.

Consultants Bureau

Sci - Chemistry

37,374

Aug 1956

Influences on the Intensities of Spectral Lines
in Flame Spectra, by N. S. Tikhay, S. L.
Mandel'shtam, 6 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 2,
1959, pp 141-151.

OSA

Sci

Apr 61

149,461

+

Spectral Excitation in the Channel of a Spark
Discharge (Condensation), by S. I. Mandel'shtam,
3 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XVIII, /1954, pp 261, 262.

No 2,

ABC Tr 2194

Columbia Tech Tr

Ad. Tech. Tr.

Scientific - Physics
CTS 72/Sep 1955

26, 564

Photoelectric Investigation of the Spectrum From
the Channel of a Spark Discharge, by L. A.
Val'shtein, A. M. Leontovich, L. P. Malyavkin,
S. L. Mandel'shtam, 14 pp.

RUSSIAN, per, Zhur Eksptl' i Teoret. Fiz,
Vol XXIV, 1953, pp 326-338.

AEC Tr 2320
Assoc Tech Serv
Tr 6006R

29,433

USSR
Sci - Physics

Primary Cancer of the E Fallopian Tube, by V. A.
Mandel'shtam, 5 pp

RUSSIAN, per, Voprosy Onkol, Vol VI, No 2, 1960,
pp 57-61

PP

Sci

Oct 60

130, 106

Mandel'shtam, S. L., Tindo, I. P. and others.
INVESTIGATION OF SOLAR X-RADIATION. II.
MEASUREMENTS MADE BY COSMIC SPACESHIP.
[1962] [13]p. (10 figs. omitted) 8 refs.
Order from OTS or SLA \$1.60 62-14227

Trans. of unidentified article pub. of Academy of
Sciences USSR, Lebedev Institute of Physics,
Spectroscopy Lab., n. d..

DESCRIPTORS: *Cosmic rays, Extraterrestrial radio
waves, X-rays, Intensity, Measurement, Spaceships,
*Sounding rockets, Launching, Astrophysics,
Spectrographic analysis.

Results are given of measurements of solar x-ray
intensities in the same spectral region taken during
the 19-20 August and the 1-2 December 1960 flights
of the second and third cosmic spaceships. The goal
of the measurements was investigation of the intensity
of radiation over a period of time on the order of 24
hours. (Author) (See also 62-14228)

62-14227

I. Mandel'shtam, S. L.
II. Tindo, I. P.
III. Title: Measurements...

0225897

(Astronomy--Astrophysics,
TT, v. 8, no. 9)

Office of Technical Services

Mandel'shtam, S. L., Voron'ko, Y. K. and others.
INVESTIGATION OF X-RAY RADIATION OF THE
SUN DURING THE FULL SOLAR ECLIPSE OF
15 FEB 61. [1962] 6p. (4 figs. 1 tables omitted) 8 refs.
Order from OTS or SLA \$1.10 62-14226

Trans. of unidentified article pub. of Academy of
Sciences USSR, Lebedev Institute of Physics,
Spectroscopy Lab., n.d.

DESCRIPTORS: *Solar eclipse, Sun, X-rays,
Spectrographic analysis, Sounding rockets.

Results are given of measurements of solar x-radia-
tion in the spectrum region shorter than 10 Angstroms
in the total phase of the eclipse, during the flight of a
geophysical rocket to a height of about 96 km. (Author)

(Astronomy--Astrophysics, TT, v. 8, no. 9)

62-14226

I. Mandel'shtam, S. L.
II. Voron'ko, Y. K.

C225896

Office of Technical Services

Time Quantization Error in Automatic Control, by
S.M. Mandol'shtam, 6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XVII, No 6,
1961, pp 780 - 786.

ISA

198, 144

Sci
Apr 62

10 695

GE-1

S. L. MANDEL'SHTAM, M. A. MAZING

Broadening and displacement of spectral lines in a gas-discharge plasma

Über die Verbreitung und Verschiebung von Spektrallinien in einem Gasentladungsplasma

Izvest. Akad. Nauk SSSR, 23, 1017-1020 (1959)

Physikalische Abhandlungen aus der Sowjetunion, 2, No. 3, 228-233 (1960)

327 - German

E u r a t o m

On the Sensitivity of Emission Spectral Analysis,
by S. L. Mandel'stam, V. V. Nedler, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol. X, No 3, 1961,
pp 390-397.

OSA

Sci

Jul 61.

505
166, ~~243~~

Broadening of Spectral Lines Under the Action of Ions
and Electrons, by S. L. Mandel'stam, N. N. Sobolev.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XX, No 4,
1950, pp 323 - 329.

AEC Tr 568

Sci - Physics

Aug 1951 CTS

A12546

The Absorption of Spectral Lines in an ionosphere
by S. L. Mandelstam, 1950.

RUSSIAN, p. 1, Doc Ak Bank 8822, Vol 2V121,
1810, pp 559-563. 9683115

DOC 8810-6

Sci - Electron
Jun 63

234,427

On Spectrum Excitation in Spark Discharges,
by S. L. Mandelstam, 10 pp. UNCL

GERMAN per, Colloquium Spectroscopicum
Internationale VI, 1956 pp 245-251.

ATIC MCL-172/v
CI 4 654 353

Sci-Physics

120 1119

Automatic Computations in Measurement Techniques,
by F. V. Novitskiy, S. M. Mandel'shtam, 5 pp.

RUSSIAN, per, Izmeritel Tekhnika, No 5, 1962, pp 1-4.

ISA

Sci

Dec 682

232,739

Instrument for Pulse-Code Telemetering With Direct
Conversion of Pointer Deflection Into Code, by
S. M. Mandel'shtam, 3 pp.

RUSSIAN, per, Pribozostroyeniye, No 7, 1960,
pp 13-15.

Taylor & Francis

Sci

Mar 61

141,556

FOR THE POLICE, INFORMATION ON THE
FOLLOWING CASES, BY THE POLICE, 11/17/63

RUSSIAN, FOR, INFORMATION ON THE
XII, NO 2, 1963, BY 70-291

70-291

70-291
70-63

70-291

THE THIRD ENGLANDER, CONTAINED AND PARTIAL COPY
 FINDER OF INFORMATION FOR THE MANAGEMENT OF THE
 PERMANENT 200, BY W. A. HENRY THOMAS, 2nd

RUSSIAN, FOR, CONTAINING INFORMATION, VOL VII,
 NO 1, 1902, PP 1-14.

APR 21 1903

21-10101-100
 OCT 03

34.15

THE SECOND ALL-UNION CONFERENCE ON THE USE OF
RADIOELECTRONICS IN BIOLOGY AND MEDICINE, BY
YU. B. MANDEL'TSVAGY, 5 PP.

RUSSIAN, PER, MEDIT RADIOL, ~~XXXXXX~~ VOL VII, NO 8,
1962, PP 100, 101.

JPRS 15553

SCI - MEDICINE

OCT 62

212,937

(NY-6749)

Diagnostic Scintillation Apparatus of the
DSU-60 Type, ? by I. K. Tabarovskiy,
Yu. B. ~~NEBAYK~~ Mandel'tsvayg, 6 pp.

RUSSIAN, per, Med Radiolog, Vol VI, No 9,
1961, pp 64-67.

JPRS 12021

Sci
Jan 62

181, 222

Lie Groups and Symmetry of Elementary Particles,
by I. S. Shapiro, V. B. Mandel'steig. 50 pp. 113
RUSSIAN, rpt. Groupy Li i Simmetrya Element-
arnykh Chastits, 1964, SP-14345. 0232850
AEC ANL-tr-307

V. B. Mandel'steig

Sci/Nuclear Sci
Jun 64

301,150

A. The Bridge Builders During the Fatherland War,
by L. Ivanov; B. Combat Engineers, by
Anastas Mandev, 6 pp. (ID 975034) UNCLASSIFIED

BULGARIAN, per, Bulgarski Voin, Jan-Dec 1952.

24,024

EE

G-2, OSUSA G-4414

EEur - Bulgaria
Military

May
REF 55 ORB/DEX

(NY-5651/3)

The Modernization of Air Transportation,
by Dobrivoje Mandic, Branislav Krstic,
Velizar Andjelkovic, 56 pp.

CROATIAN, per, Savremeni Saobracaj, 29 Feb 1962,
pp 78-100.

JPRS 9962

172,111

Ebur - Yugoslavia

Econ

Oct 61

(NY-5651/7)

U
Yugoslav Airfields, by Dobrivoje Mandic, Velizar
Andjelkovic, 19 pp.

CROATIAN, per, Savremeni Saobracaj, 29 Feb 1962,
pp 254-259.

JPRS 9962

EEur - Yugoslavia

172, 114

Econ

Oct 61

Bilateral 'Snapping' Finger in a Little Girl, by
~~V~~ V. Mandic.

CROATIAN, per, Acta Chi Yugosl, Vol V, 1958,
pp 204-207.

Navy Tr 2981/NMS 595

Sci - Med

Jan 62

181, 155

Evaluations of Operational Investigations on a
Bar Drawing Bench, by A. Mandl, W. Pecher, et al. 77
22 pp.

GERMAN, per, Neue Mitte, No 9, 1964, pp 545-549.

P100027066

FTD-TT-65-1436

A. Mandl

Sci/Mathematical Sci

Sep 55

309,427

Evaluation of Plant Studies as a Germinating
Device, by A. Mendel, W. Pecher.
Gartenbau, 787, Neue Kultur, No 8, 1904, pp 243-247,
*FPM-11-45-1430

54

Mendel, A.

Sci - Eng
En, 45